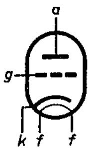
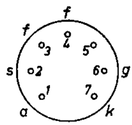
PHILIPS UC 92

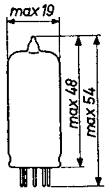
R.F.TRIODE for use as oscillator or mixer in F.M./A.M. receivers
TRIODE H.F.pour utilisation en oscillatrice ou mélangeuse dans des récepteurs F.M./A.M.
HF-TRIODE zur Verwendung als Oszillator oder Mischröhre in FM/AM-Empfängern

Heating :	indirect by A.C. or D.C.; series supply	
Chauffage:	indirect par C.A. ou C.C.; alimentation série	V_f = 9,5 V
Heizung :	indirekt durch Wechsel- oder Gleichstrom; Serienspeisung	I_f = 100 mA

Dimensions in mm
Dimensions en mm
Abmessungen in mm







Base, culot, Sockel: Miniature

Capacitances
Capacités
Kapazitäten

C_g	= 2,6 pF		C_k (g+f)	= 4,5 pF
C_a	= 0,55 pF		C_a (g+f)	= 1,8 pF
C_{ag}	= 1,6 pF			
C_{kf}	= 2,2 pF			
C_{gf}	< 0,15 pF			
C_{ak}	= 0,24 pF			

Typical characteristics
Caractéristiques types
Kenndaten

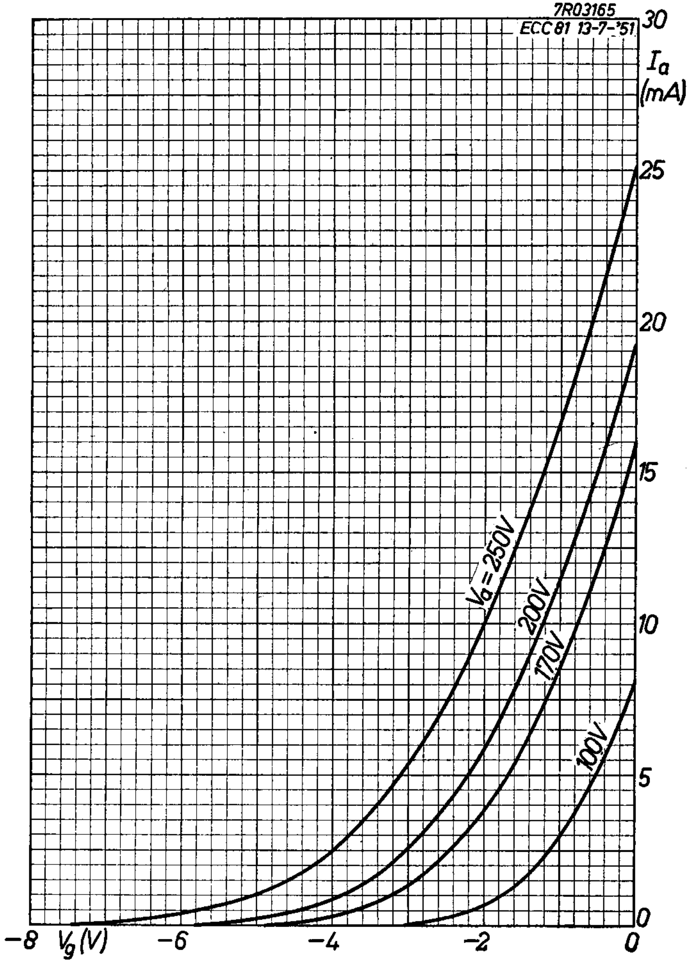
V_a	=	100	170	200 V
V_g	=	-1	-1	-1 V
I_a	=	3	8,5	11,5 mA
S	=	3,75	5,9	6,7 mA/V
μ	=	62	66	70
R_i	=	16,5	11	10,5 kΩ

Limiting values
Caractéristiques limites
Grenzdaten

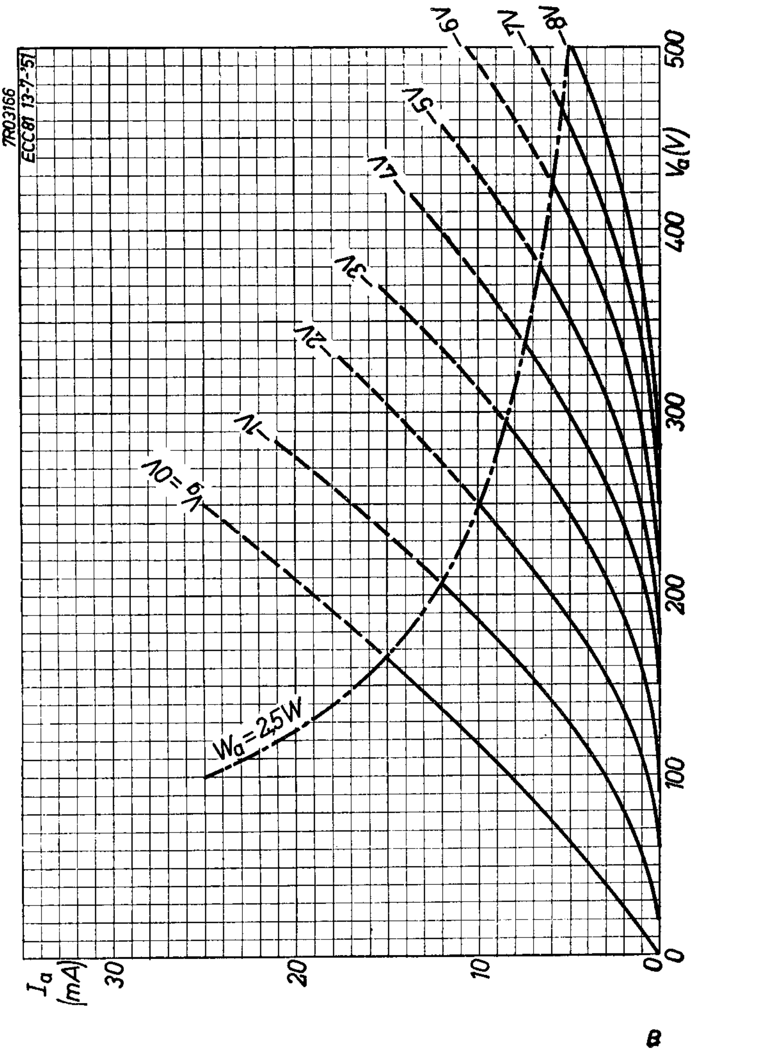
V_{a_o}	= max.	550 V
V_a	= max.	300 V
W_a	= max.	2,5 W
I_k	= max.	15 mA
$-V_g$	= max.	50 V
R_g	= max.	1 MΩ
V_{kf}	= max.	90 V
R_{kf}	= max.	20 kΩ
$V_g(I_g=+0,3\mu A)$	= max.	-1,3 V

PHILIPS

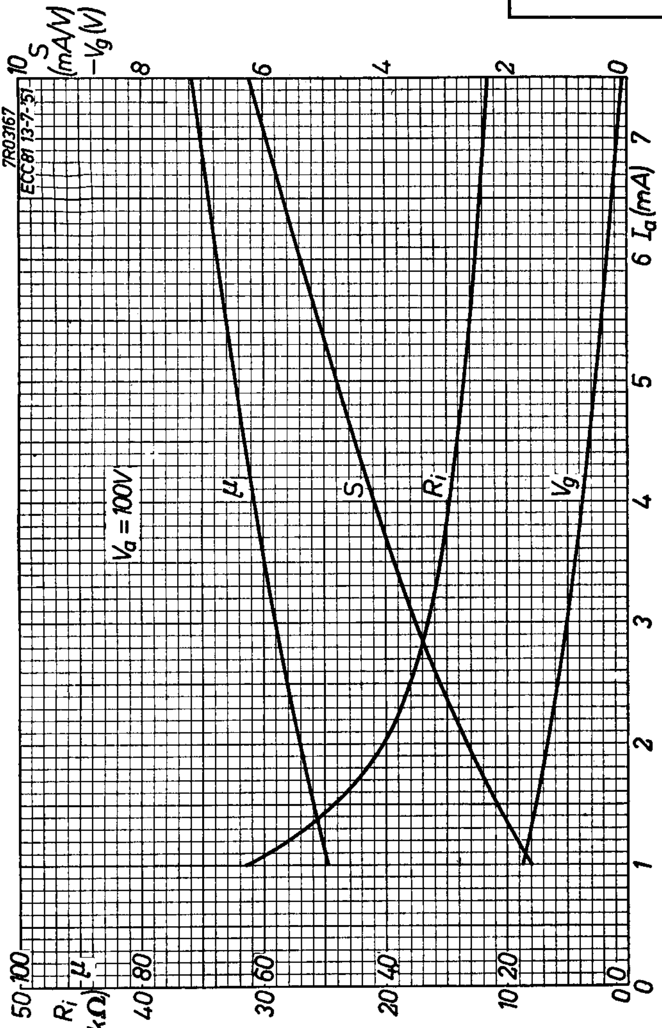
UC 92



UC 92 **PHILIPS**

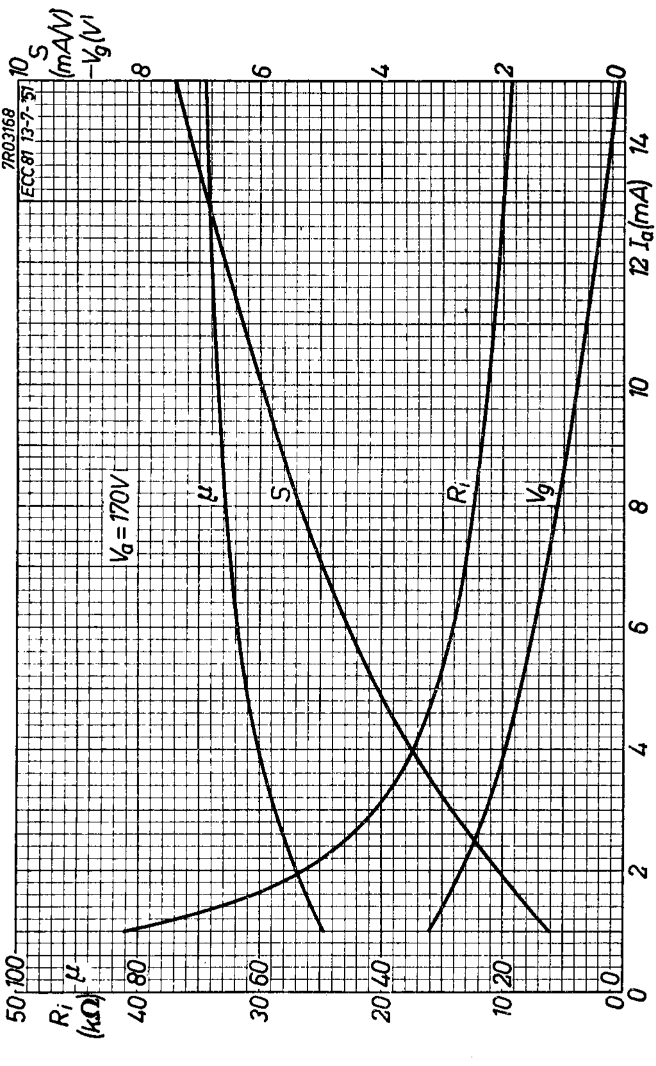


B


7R03167
ECC81 13-7-'51
S (mA/V)
−Vg (V)
R_i (kΩ)
μ
I_a (mA)
$V_a = 100V$
μ
S
R_i
V_g

UC 92

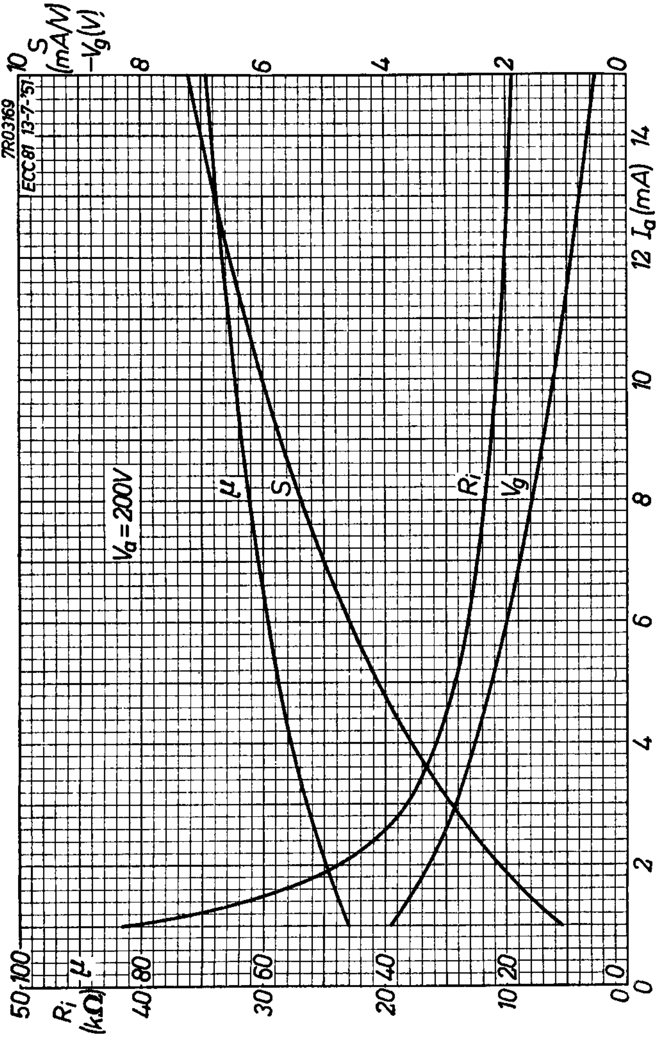
PHILIPS



D

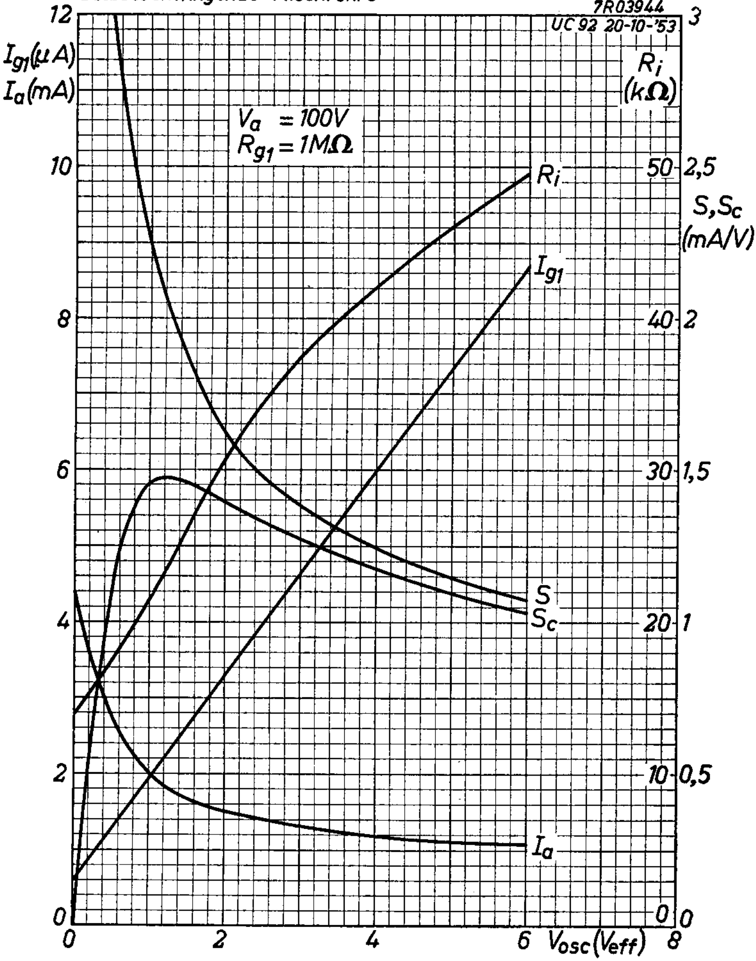
PHILIPS

UC 92



UC92 **PHILIPS**

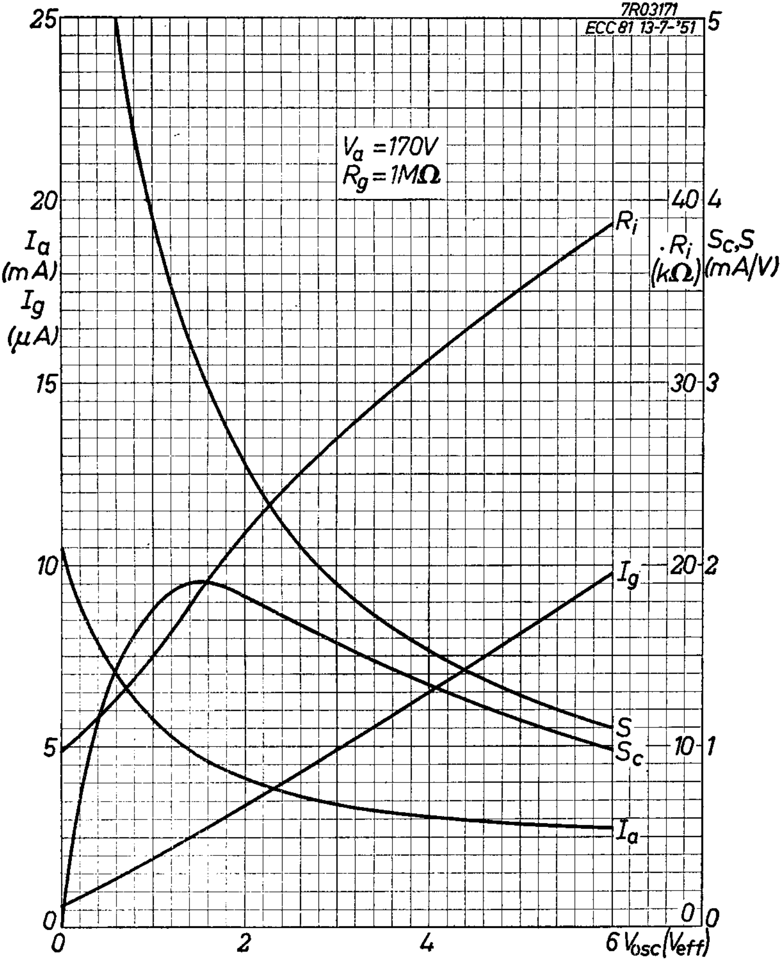
Self-oscillating frequency changer
Changeur de fréquence à auto-oscillation
Selbstschwingende Mischröhre



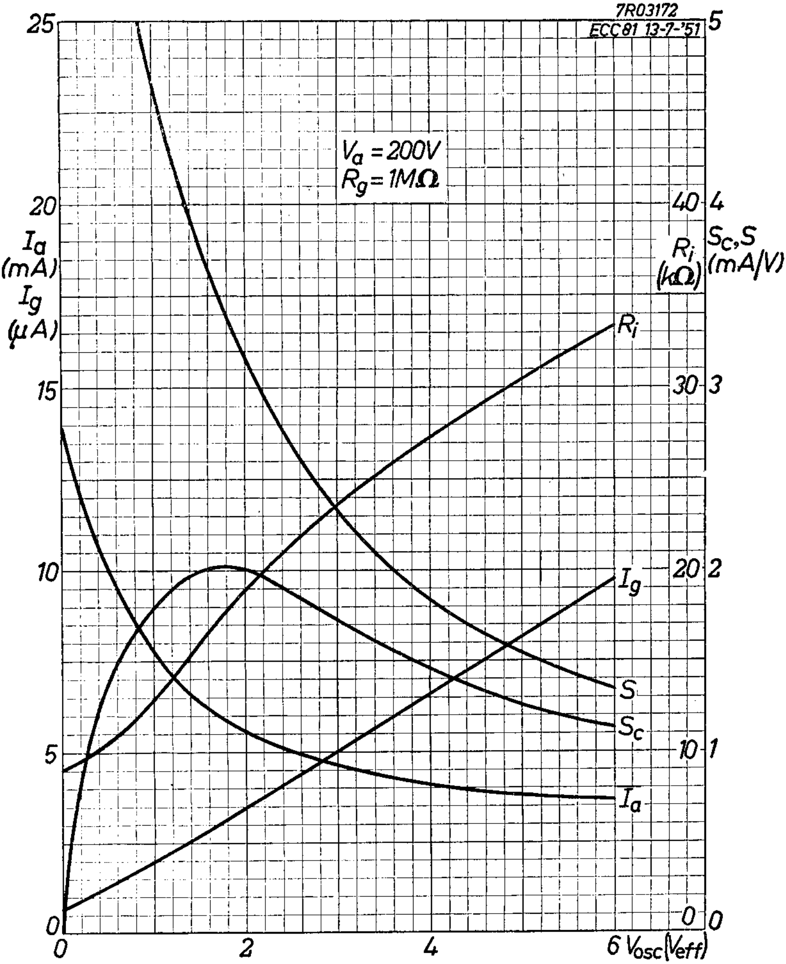
F

PHILIPS

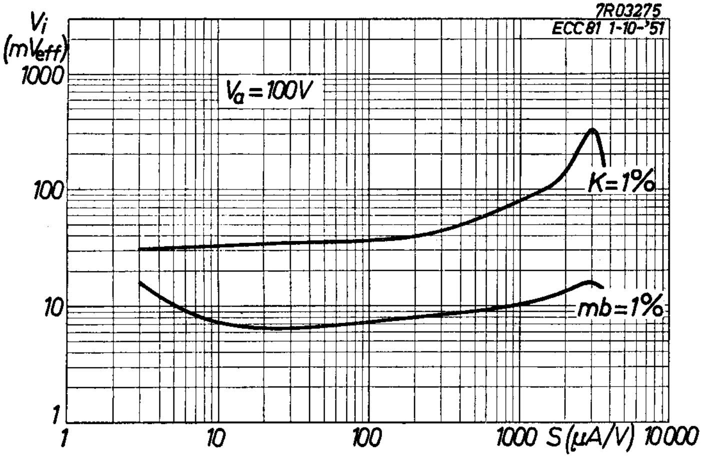
UC 92

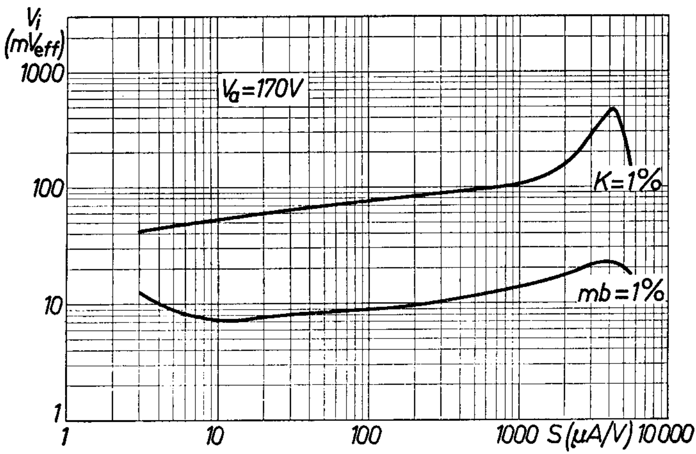


PHILIPS

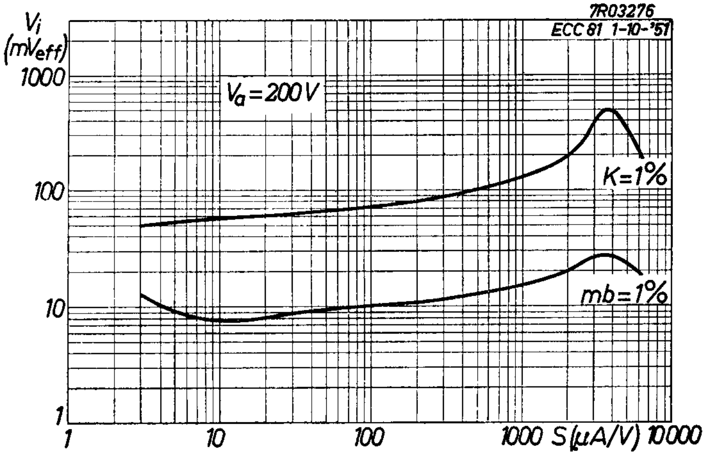

7R03172
ECC81 13-7-'51
Va = 200V
Rg = 1MΩ
Ia (mA)
Ig (μA)
Ri (kΩ)
Sc,S (mA/V)
Ri
Ig
S
Sc
Ia
25
20
15
10
5
0
2
4
6 Vosc(Veff)
40
30
20
10
0
5
4
3
2
1
0

H


7R03275
ECC81 1-10-'51
V_i (mV_{eff})
1000
100
10
1
V_a=100V
K=1%
mb=1%
1
10
100
1000
S(μA/V)
10000


V_i (mV_{eff})
1000
100
10
1
V_a=170V
K=1%
mb=1%
1
10
100
1000
S(μA/V)
10000

PHILIPS


7R03276
ECC 81 1-10-'51
Vi (mVeff)
1000
100
10
1
Va=200V
K=1%
mb=1%
1
10
100
1000
S(µA/V)
10000

PHILIPS

Electronic Tube

HANDBOOK

UC92

page	**sheet**	**date**
1	1	1956.01.01
2	2	1956.01.01
3	A	1954.01.01
4	B	1954.01.01
5	C	1954.01.01
6	D	1954.01.01
7	E	1954.01.01
8	F	1954.01.01
9	G	1954.01.01
10	H	1954.01.01
11	I	1954.01.01
12	J	1954.01.01
13	FP	2000.06.13